Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: That the following new large spark-ignition engines and emission control systems produced by the manufacturer are certified for use in off-road equipment as described below. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY		DISPLACEMENT (liters)	ENGINE CLASS		FUEL TYPE			
2021		MKBXB.76823A	0.768	≤ 825 cc		Gasoline			
DURABILI HOURS		SPECIAL FEATURES & EMISSION CONTROL SYSTEMS				TYPICAL EQUIPMENT USAGE			
1000		En	gine Modification		Aerial Lift, Other				
ENGINE MODELS (rated power in kilowatt, kW)		See Attachment							

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) exhaust certification emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2433(b)(1)) and certification emission levels for this engine family in grams per kilowatt-hour (g/kW-hr). Engines within this engine family shall have closed crankcases in conformance with 13 CCR Section 2433(b)(3).

	HC+NOx (g/kW-hr)	CO (g/kW-hr)
STANDARD	8.0	549
CERTIFICATION LEVEL	6.7	314

BE IT FURTHER RESOLVED: That for the listed engines for the aforementioned model-year, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2433(d) (certification and test procedures), 13 CCR Section 2404 (emission control labels), and 13 CCR Sections 2405 and 2406 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed on this $\frac{30th}{20th}$ day of December 2020.

Allen Lyons, Chief Emissions Certification and Compliance Division

Date:

Engine Family: MKBXB.76823A

Model Summary

For CARB Use Only Executive Order: U-L-016-0143 Attachment _1_ of _1_

S13. Engine Model (Use an asterisk (*) to identify worst-case engine model used for	S14. Engine Code	S15. Sales Codes (Check all appropriate)		S16. Engine Displacement	S17. Rated Power (kW)	S18. Rated Speed (RPM)	S19. Peak Torque (FT- LB)	S20. Peak Torque Speed (RPM)	
certification testing.)		CA Only	49-State	50-State	(Liters)				
KGZ770-ES*	KGZ770-ES01			Х	0.768	20.30	3600	39.83	2400
KGZ770-ES	KGZ770-ES02			Х	0.768	20.30	3600	39.83	2400
KGZ770-ES	KGZ770-ES03			Х	0.768	20.30	3600	39.83	2400
KGZ770-ES	KGZ770-ES04			Х	0.768	20.30	3600	39.83	2400